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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

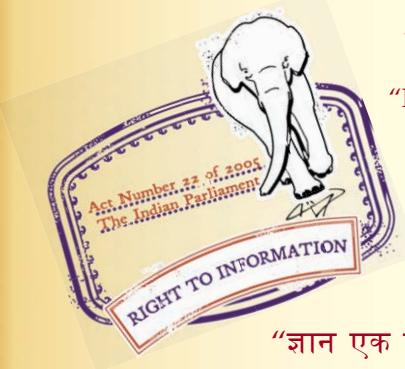
“Step Out From the Old to the New”

IS 4007-2-6 (1983): Terminals for Electronic Equipment, Part 2: Detail Terminals, Section 6: Terminal, Non-Insulated, with Insulated Captive Spring Cap, Tapped Hole Panel Mounting, Type TSL 1 [LITD 3: Electromechanical Components and Mechanical Structures for Electronic Equipment]

“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”





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Indian Standard

## SPECIFICATION FOR TERMINALS FOR ELECTRONIC EQUIPMENT

### PART 2 DETAIL SPECIFICATION FOR TERMINALS

#### Section 6 Terminal, Non-Insulated, with Insulated Captive Spring Cap, Tapped Hole Panel Mounting, Type TSL 1

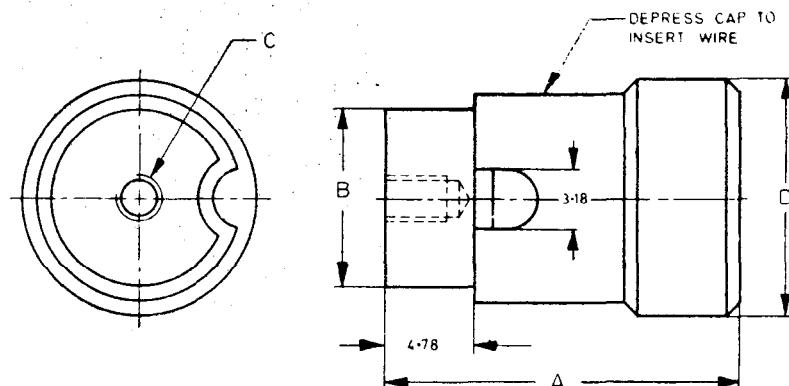
**1. Scope** — This standard (Part 2/Sec 6) covers detail requirements of terminals, non-insulated with insulated captive spring cap, tapped hole panel mounting, type TSL 1 and shall be read in conjunction with IS : 4007 (Part 1)-1982 'Specification for terminals for electronic equipment: Part I General requirements and tests (first revision)'.

#### 2. Climatic Test Severities

Temperature severity	55, 85°C	10, 70°C
Damp heat ( steady state )	56 days	21 days
Damp heat ( cyclic )	6 cycles	2 cycles
Low air pressure	4.4 kPa'	30 kPa
Vibration	10 to 55 Hz, Duration 6 hours	Amplitude displacement — 0.75 mm
Impact	500 m/s <sup>2</sup> , 5 minutes	

#### 3. Outline Drawing and Dimensions — See Table 1.

TABLE 1 DIMENSIONS OF TERMINAL TYPE TSL 1



Dimensions		Insulation Colour	Sealed/ Non-sealed
A 19.05	B 9.53	C M 2.5	D 12.70

**Note 1** — Dimensions are in millimetres.

**Note 2** — Unless otherwise specified, tolerances are  $\pm 0.40$  mm.

**Note 3** — Drawing depicts only general characteristics and is not intended to limit specific manufacturing processes. Shape of insulated portion is optional.

**Note 4** — Screw threads according to IS : 4218 (Part 2)-1967.

#### EXPLANATORY NOTE

This standard is based on JSS 52710-Jan 1974 'Specification for terminals, captive screw cap and captive spring loaded', published by Ministry of Defence. In addition to climatic severities specified in JSS-52710-Jan 1974 the climatic severities for commercial usage have been included in this standard.